



Fire Propagation & Spread of Flame

to BS 476: Part 6: 1989 and 476: Part 7: 1997

Summary of Performance

Document No. LS90 / FPFS2

Ls90 Partitioning System

Powder Coated Steel Faced Plasterboard Panel

This is to confirm that the construction of the above panel surface finish as detailed in the Building Test Centre Reports No. **BTC 12696F** and **BTC 12697F** (available on request) and **summarised overleaf** has been tested in accordance with British Standard 476: Parts 6 and 7: and satisfied the criteria for Fire Propagation and Spread of Flame achieving grade;

Test Description	Test Standard	Building Regulations Performance Classification		
		England / Wales Document B2	Northern Ireland Document E2	Scotland Document D7
Fire Propagation	476: Part 6	Class 0		Low Risk

Test Description	Test Standard	British Standard Performance Grade Achieved
Spread of Flame	476: Part 7	Class 1

For performance validation of the installed product this Summary of Performance must be accompanied by the signed Contractors Statement



Certificate No FM25967

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LS90/SFPFS2 - 04/13

LS90 Elegance Partitioning System

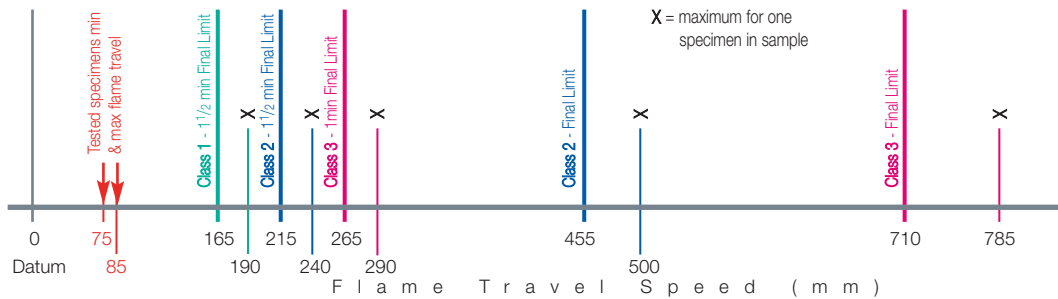
Fire Propagation and Spread of Flame Performance for Powder Coated Steel Faced Plasterboard Solid Construction



Test Report: BTC 12697F
Test Date: 7th May 2003

Summary of Results

Spread of Flame in accordance with BS 476: Part 7: 1997						
Specimen number	1	2	3	4	5	6
Time to travel	min-sec	min-sec	min-sec	min-sec	min-sec	min-sec
75mm	0 - 12	0 - 14	0 - 10	0 - 15	0 - 17	0 - 13
165mm						
190mm						
215mm						
240mm						
265mm						
290mm						
375mm						
Time to reach maximum flame spread	1 - 00	1 - 00	1 - 22	1 - 00	1 - 00	1 - 00
Flame spread at 1 1/2 minutes (mm)	80	75	80	85	80	80
Final flame spread (mm)	80	75	80	85	80	80
Performance Classification	CLASS 1					
Test Specimen:	A Du Point epoxy polyester OEP 23679 SM powder coat finish was applied to a 0.8 mm thick mild steel facing that is then bonded to a 12,5mm thick (DSG) plasterboard.					



Test Report: BTC 12696F
Test Date: 30th April 2003

Summary of Results

Fire Propagation in accordance with BS 476: Part 6: 1997						
Fire Propagation Index	Subindices			Building Regulations Performance Classification [#]		
	i_1	i_2	i_3	England / Wales Document B2	Northern Ireland Document E2	Scotland Document D7
1.42	1.12	0.23	0.07	CLASS O		LOW RISK

Building Regulations for England / Wales Approved Document 'B', Appendix 'A', Section 12, for Northern Ireland Approved Document E, Section 2.4 The highest product performance classification for lining is Class 'O'. In the Building Regulations for Scotland Section D7 The highest product performance classification for lining is 'Low Risk'. This is achieved if a material or surface of a composite product is either; **a)** composed throughout of materials of limited combustibility; or **b)** a Class 1 material which has a fire propagation index (I) of not more than 12 and sub-index (i1) of not more than 6.

The above data must be read in conjunction with the test summary description given overleaf. The information given is an extract of the test report supplied by The Building Test Centre, East Leake, Loughborough. BTC is a UKAS approved Test Laboratory.

